

Energy Balance and Specific Power in Drilling,
by W. Tiraspol'sky, 43 pp.

FRENCH, per, Revue Institut Francais du
Petrole et Annales de Combustibles Liquides,
Vol XV, No 3, 1960, pp 529-566.

ATS-83443P
ATS-1102-FJ

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Jun 62

Tiraspolsky, W., Rouviere, R., and Chare, J.
PROFITABILITY OF THE CONVERSION OF THE
ROTARY TO TURBINE DRILLING (IN THE LIGHT OF
THE FIRST RESULTS OF SAINT-BAUZILLE-DE-
MONTMEL). [1962] [13]p. 1 ref.
Order from SLA \$1.60

62-16655

Trans. of Rev[ue de l']Inst[itut] Franç[ais du]
Pétrole et Ann[ales des Combustibles Liquides] 1956,
v. 11, no. 2, p. 190-196.

DESCRIPTORS: *Drilling machines, *Turbines,
Effectiveness, Well drilling.

The experiments at Saint Bazille have shown that we
already dispose in France of a sufficiently developed
tool system that would permit passing to an industrial
expansion of turbo-drilling. In a large portion of the
French wells, turbo-drilling should pay off immediately.
(Machinery, Fabrications and Accessory Equipment,
TT, v. 9, no. 9)
(over)

62-16655

I. Tiraspolsky, W.
II. Rouviere, R.
III. Chare, J.

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Office of Technical Services

Tiraspol'sky, W.
SINCE TURBO-DRILLING (Depuis le Turbo-Forage).
[1962] [38]p. (foreign text included).
Order from SLA \$3.60

62-18521

Trans. of Association Française des Techniciens du
Pétrole. Bulletin, 1956 [no. 118] p. 291-310.

DESCRIPTORS: *Well drilling, Petroleum industry,
Turbines, Drills, Industrial research, Mining
engineering.

(Engineering, TT, v. 10, no. 2)

62-18521

1. Title: Turbo-Drilling
1. Tiraspol'sky, W.

Office of Technical Services

Tiraspol'sky, W., Rouviere, R., and Chare, J.
ROTARY DRILLING AND THE DEVELOPMENT OF
TURBODRILLING (Le Forage par Moteur Souterrain
et le Developpement du Turboforage). [1962] [63]p.
Order from SLA \$6.60 62-16656

Trans. of Rev[ue de l']Inst[itut] Franc[ais du] Pétrole
et Annales des Combustibles Liquides] 1955, v. 10,
no. 8, p. 856-911.

DESCRIPTORS: *Drilling machines, Compressors,
*Turbines, *Rotary compressors, Industrial machines.

The authors have tried to give a summary of the theory
of the drilling turbine and of the methods of turbine
drilling for the use of the technicians already ac-
quainted with the practical development of these tech-
niques. The article contains also a study of the econom-
ical and industrial conditions that are favorable for the
(Machinery, Fabrications and Accessory Equipment,
TT, v. 9, no. 4) (over)

62-16656

1. Tiraspol'sky, W.
2. Rouviere, R.
Chare, J.

C227682

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Tiraspolsky, W. THE DRILLING TURBINE: THE DRILLING WITH THE TURBINE AND TURBO-DRILLING. 25 Apr 56, 8p. Order from SLA \$1.10 62-16653 Trans. of Techniques du Pétrole (France) 1956, Feb, p. 4305-4304. DESCRIPTORS: *Turbines, Compressors, *Drilling machines, Velocity. (Machinery, Fabrications and Accessory Equipment, TT, v. 9, no. 5)	62-16653 I. Tiraspolsky, W. II. Title: Drilling with. . . C227850 Office of Technical Services
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Drilling by Underground Motor and the Development
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FRENCH, par, Rev Ind Minerale, Vol XXVIII, No 639,
1956, pp 193-199.

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Metal Ceramics and Carpon in Friction Units of
Agricultural Machines, by V. S. Kreshchik,
O. G. Klimenko, A. V. Tiratsuyan, 5 pp.

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pp 31-33.

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<u>Tirelli, Mario.</u> PRESENT KNOWLEDGE ON THE DISINFESTATION OF STORED TOBACCOS, L [1962] 19p. Order from K-H \$23.75 K-H 3280 b Trans. of il Tabacco (Italy) 1952, v. 56, June, [no. 635] p. 178-179. DESCRIPTORS: *Tobacco, Storage, Pest control, Insecticides, Rodenticides, Disinfectants. (Agriculture--Plant Cultivation, TT, v. 9, no. 2)	62-22792 I. Tirellim, M II. K-H-3280-b III. Kresge-Hooker Science Library Associates, Detroit, Mich. 62-22792 Office of Technical Services
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On the Morphology of the Basement Membranes in the Renal Tubules and Glomeruli Investigated with the Electron Microscope, by E. L. Benedetti, R. M. Tiribelli, 16 pp.

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A METHOD OF PREPARING THE MAP OF THE
DANUBE DELTA AT THE SCALE 1:10,000, BY GHEORGHE PI-
RICA, GHEORGHE MOLDOVEANU, GHEORGHE SOTINGEANU,
10 PP.

RUMANIAN, PER, REVISTA DA GEODEZIE SI
ORGANIZAREA TERITORIULUI, VOL V, NO 3, 1961,
PP 33-40.

JPRS 12267

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TECHNICAL PROGRESS IN THE SHOE INDUSTRY, BY EMILIAN
TIRON, 18 PP.

RUMANIAN, PER, INDUSTRIA USQARA, VOL X, NO 5, 1963,
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INVESTIGATION OF THE ACCURACY OF THE FORMULAS
OF STOKES AND VENING MEINESZ, BY I. M. TIRON,
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Some Problems Concerning the Calculation of the
Gravitational Elements Outside the Earth, by M. TIRON.

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Gravitation, by Marin Tirona, 8 pp.

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No 4, 1962, pp 1-8. 9678754

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Sci - Geophys
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Sci - Chem

Sep 59

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The Determination of Histaminopexy for Assessment of the Allergic Predisposition, by J. Tappeiner, H. Tirscheck, P. Wodniarsky, 4 pp.

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Apr 59

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Sublimation of a Blunt Body in the Vicinity of the
Stagnation Point in Plane and $\mathbb{R}$ Axisymmetrical
Flow of a Gas Mixture, by G. A. Tirskiy, 29 pp.

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Destruction of the Leading Edge of a Delta
Wing in a Hypersonic Flow, by G. A. Tirskiy,
20 pp.

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Sci - Aero, Phys

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Fusion of a Heat-Conducting Wall Behind a Moving
Compression Shock, by G. A. Tirskiy, 5 pp.

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Surface Melting of a Semiinfinite Body in Plane and
Axially Symmetric Incompressible Gas Flow, by
G. A. Tirskey; 4 pp.

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Two Exact Solutions of Stefan's Nonlinear
Problem, by G. A. Tirakly, 5 pp.

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Nonstationary Flow With Heat Transfer in a
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Revolving Discs Accompanied by Fluid Influx,
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An Exact Solution of the Energy Equation ~~a~~ in a
~~Particular~~ Particular Case of the Motion of a Viscous
Incompressible Fluid, by G. A. Tirskiy, 10 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXII,
No 4, 1958, pp 555-560.

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Jun 59

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Direct Production of Steel With Gases, by H. J.
Tischendorf.

GERMANY, per, Freiberger Forschungs., A286,
1964, pp 151-163.

*BISI 5360

H. J. Tischendorf

EE-Germany

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A Contribution to the Study of the Thermal
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A System of Air-Cooling for Blast Furnace Floors,
by J. Tischendorf.

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Some Special Economic Aspects of Low Blast
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Near Threshold Region. I, by N. D. Morgulis, V. D.
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State of the Technique on Surge Protection of Telecommunication Installations with Surge Siverterers, by Gg. Tischer. GERMAN, per, NTZ Nachrichtentechnische Zeit, Vol 17, No 9, 1964, pp 478-483. CIA X-7026

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May 69

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Tischer, Manfred.

THE MECHANISM OF EMISSION OF THE BN-CATHODE. [1963] 39p 25refs
Order from SLA \$3.60

TT-64-14624

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1963, v. 15, no. 6, p. 509-518. (Abstract available)

DESCRIPTORS: *Electron tube parts, *Cathodes (Electron tube), *Oxide cathodes, *Barium alloys, *Nickel alloys, Emissivity, Diffusion, Theory.

It is shown that the BN-cathode is an oxide cathode with recuperative properties. Studies showed that the mechanism of the BN-cathode corresponds to that of the genuine dispersion type (L cathode). A calculation is introduced to explain the mechanism of emission of the BN-cathode, based on the depletion layer theory of (Physics--Electronics, TT, v. 11, no. 11) (over)

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I. Tischer, M.

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Permanent Magnets, by Ladislav Starek,
Zdenek Fischer, 8 pp.

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Sci - Physics

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Direct Production of Steel with Gases,
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Reactions, by H. Gerischer, R. P. Tischer.
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STEADILY INCREASE THE SAFETY OF TRAIN TRAFFIC,
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Nucleon Motion in Deformed light Nuclei
by B. I. Tishchenko, A. A. Kresnin,
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